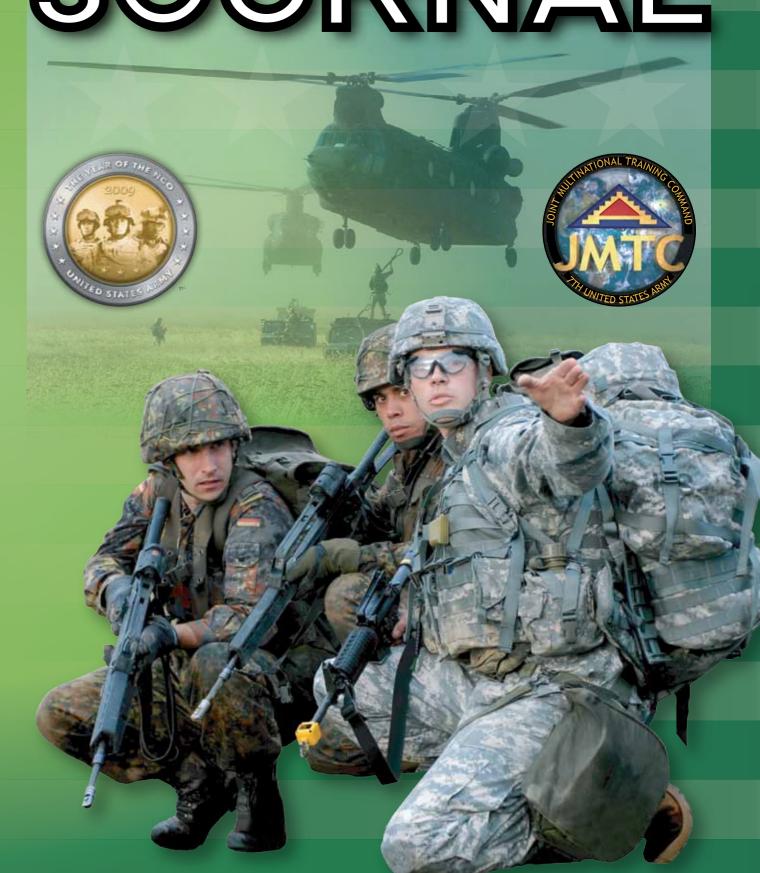
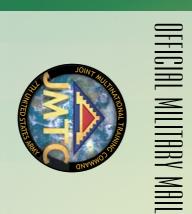
SUMMER / FALL 2009 WWW.HQJMTC.ARMY.MIL 7TH U.S. ARMY JOINT MULTINATIONAL TRAINING COMMAND

JOURNAL

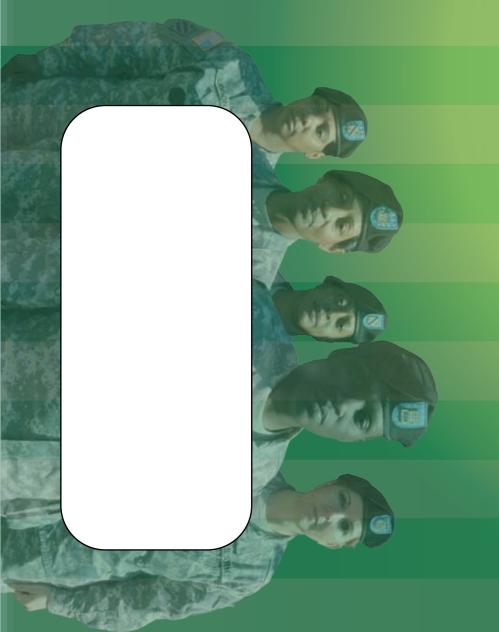






BLDG.131, ROOM 115 HQ. 7TH ARMY JMTC JOINT MULTINATIONAL TRAINING COMMAND





JMTC HONORS AND CELEBRATES THE YEAR OF THE NCO

vissioned Officer, I realize m proud of the Corps ch I find myself. I will not use my grade or position Sure, profit, or personal 2000 accomplishment of my vill strive to remain technically and tactically proficient. I am aware of my role The Year of the ilities inherent in that r Noncommissioned Officer dership; Today's NCO is an innovative, competent and professional enlisted leader grounded in heritage, values and tradition. Today's NCO embodies the warrior ethos, champions continuous learning and is capable of leading, training and motivating diverse teams. Today's NCO is an adaptive leader who is proficient in joint and combined expeditionary warfare; continuous-simultaneous full-spectrum operations; and is culturally astute have maximum time and resilient to uncertain and ambiguous environments. and confidence Today's NCO must lead by example, train from experience, maintain and enforce standards, take care of Soldiers and adapt to a changing world. Today's NCOs are accomplished military professionals who have combined by taking appropriate civilian and military educational opportunities to become the Army's preeminent body of leadership. NCOs are known as the "Backbone of the American Army" and are the standard keepers for the military - training, leading, coaching and mentoring Soldiers. They are a valuable and essential part of the Army, and the Joint Multinational Training Command(JMTC) honors and salutes you.

THE JOINT MULTINATIONAL TRAINING COMMAND TRAINING JOURNAL is an unofficial publication of the Seventh United States Army Joint Multinational Training Command.

Circulation is 5,000 copies.

Editorial views and opinions are not necessarily those of the Department of the Army.

Correspondence may be sent to: HQ 7th Army JMTC Attention: Public Affairs Office, Building 123, Room 101 APO AE 09114 or via Bundespost: HQ 7th Army JMTC Attention: Public Affairs Office Lager Grafenwoehr, Geb. 123 92655 Grafenwoehr

Telephone: DSN 475-7776 or commercial 09641-83-7776 email: jmtcpao@eur.army.mil

JMTC COMMAND

Commanding General United States Army, Europe General Carter F. Ham

Commanding General 7th U.S. Army JMTC Brigadier General Steven L. Salazar

JMTC PUBLIC AFFAIRS

Public Affairs Officer 7th U.S. Army JMTC Major Jennifer R. Johnson

Deputy Public Affairs Officer 7th U.S. Army JMTC Denver Makle

JMTC Public Affairs Specialists Christian Marquardt Michael Beaton

JMTC Public Affairs Staff Captain John Paul Rebello Sgt. Maj. Rodney Williams Staff Sgt. Lyttleton Yates









JOINT MULTINATIONAL TRAINING COMMAND

RAINING TABLE OF CONTENTS

COMMANDER'S COLUMN

WEB WATCH JMTC launches new website

Brigadier General Steven L. Salazar

GRAFENWOEHR CENTENNIAL Grafenwoehr 1909: "Sawdust and Raw Recruits"

> IN AND AROUND JMTC Training at a glance

10 - 14 COVER STORY: 2009, YEAR OF THE NCO

by Command Sergeant Major Darieus Zagara SPECIAL FEATURE: JMTC Soldier is Army's top NCO for 2009

> 15 - 17 **FEATURES**

Leaders training leaders 2SCR steps up training at Task Force-East Safely, properly and expertly loaded

18 SNIPERS LAYIN' DOWN THE **ROUNDS AT GTA**

LEARNING BLUE FORCE TRACKER Meet the Army's most advanced global positioning technology

22 - 25 DOS-TS, TASE & JMSC TRAINING OPPORTUNITIES Training simulations and training support.

> A DIFFERENT KIND OF SUPERMODEL CH-42 replicas built for USAREUR

> > 28 THE LAST WORD

The Pen is still Mightier than the Sword



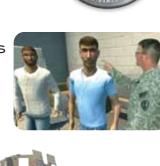
JMTC ONLINE The JMTC Journal of the JMTC is now also online at http://www.hqjmtc.army.mil



Rockets or Artillery Firing Overhead









2

COMMANDER'S COLUMN

Dynamic training and trainers: The Key to **Army Operations**

By Brigadier General Steven L. Salazar

WE CAN ALL MARVEL AT THE TRUE MULTINATIONAL CHARACTERISTICS OF THE TRAINING PROVIDED TO OUR SOLDIERS AND LEADERS.



s a new member of the Joint Multinational Training Command (JMTC) team, I can tell you that I am genuinely impressed by the training capabilities, and high-levels of training executed within U.S. Army Europe (USAREUR). In addition to tremendous, well-known capabilities, such as the live, realistic training at the Hohenfels training area; live-fire and small arms training at the

Grafenwoehr Training Area; the virtual and constructive simulation capabilities provided by the Joint Multinational Simulations Center, we can all marvel at the true multinational characteristics of the training provided to our Soldiers and leaders.

EMPHASIZING JOINT, INTERAGENCY AND MULTINATIONAL CAPABILITIES. **WE TRULY PUT**

THE "M" IN JMTC.

Emphasizing joint, interagency and multinational capabilities, we truly put the "M" in JMTC.

In addition to training U.S. forces, during Fiscal Year 2009, the JMTC logged close to 180,000 man-days of training for international troops from 25 countries throughout Europe and Africa. These Soldiers gained a greater understanding of U.S. tactics, techniques and procedures, while increasing their tactical proficiency and confidence in their ability to fight alongside U.S. Soldiers in Iraq and Afghanistan. At JMTC, nearly every major training event is multinational. Our support to the U.S. European Command's Theater Security Cooperation programs furthers our relationships with our friends and allies, improves the training level of our partners, and enhances our own operational understanding of the current, combined environment Soldiers face during deployments.

Meanwhile, the Army Chief of Staff has directed the

return to a single Mission Essential Task List (METL) for training and reporting. Our current FM 7-0, Training for Full-Spectrum Operations, directs two METLs: Core METL (C-METL) and Directed METL (D-METL). C- METL is "a list of a unit's core capability mission-essential tasks and

general mission-essential tasks," and D-METL as "a list of the mission-essential tasks a unit must perform to accomplish a directed mission."

General Martin E. Dempsey, Commanding General of the U.S. Army Training and Doctrine Command in Fort Monroe, Va., underscored the importance of this change when he wrote: "If we are true to our claim to be an expeditionary, campaign-quality, full spectrum force, then our METL is the constant and the conditions are the variable in our training and readiness reporting." He also stressed the importance of developing effective leaders, who can negotiate ill-defined problems, and anticipate and adapt to the complexities of culture and economic differences posed by the current operational environment.

The change acknowledges how the Army's operational concept is the balanced application of offensive, defensive, and stability operations to achieve the desired results.

This means commanders have to effectively understand and visualize their training requirements and negotiate their METL with their higher level commander.

A leader's role, whether conducting combat oper-

ations training to meet METL, or for deployment, is to understand, visualize, describe, direct, and continually lead and assess. These are the key components of battle-command. Without them all is lost, regardless of the heroism of our young leaders and Soldiers in combat. As our doctrine evolves to catch up with rapidly changing, practical combat applications, the advent of operational design has emerged as a commander's visualization and description tool to relate tactical tasks to a strategic end state.

In our next issue, we want to hear from you, our trainers. How do you affect battle-command in a training environment? Where is there room for improvement? What issues should the JMTC anticipate in the months to come to meet the needs of the Soldiers for years to come?

To assist us the Combined Arms Center has created the Army Training Network (ATN). The ATN Web site has the most current training doctrine available, and users have the collaborative capability to comment on doctrine, make recommendations for change and

submit training solutions from the field. In short, it is a one-stop shop and information source for Army training that is easily accessible and is updated rapidly. I look forward to seeing what USAEUR trainers contribute to the Army via the ATN portal. Visit the site at http://atn.army.mil. All that is required is an Army Knowledge Online user name and password or Common Access Card to access the ATN Web site.

As the Army's Year of the NCO campaign comes to a

close, we in USAREUR have cause to celebrate. The 7th Army Noncommissioned Officer Academy (NCOA) senior small group leader, Sqt. 1st Class Aaron Beckman won this year's 2009 Army Best Warrior Competition: our congratulations to him, his family and the unit -

the largest and oldest (now 60 years) NCOA in the Army.

Enjoy this quarter's Training Journal. It is a great tool for fostering excellent training practices in USAREUR it is your professional Training Journal in Europe. We look forward to seeing your contributions. Together we can improve our ability to be...



A LEADER'S ROLE

IS TO UNDERSTAND,

VISUALIZE, DESCRIBE,

DIRECT, AND

CONTINUALLY

LEAD AND ASSESS.



Ready Thru Training!



STEVEN L. SALAZAR Brigadier General, U.S. Army Commanding

This article is easily downloaded on the web at: http://www.hqjmtc.army.mil

WFB WATCH

JMTC launches new website



WWW.HQJMTC.ARMY.MIL

hen you Google "Joint Multinational Training Command" or simply "JMTC" the next time you're surfing the web, you'll find the site has been significantly updated and improved since the last time you may have visited.

The JMTC Public Affairs Office has worked hard to make www.hqjmtc.army.mil comprehensive and user-friendly.

The new JMTC website reflects the unique mission and remarkable multinational character of the command, while effectively incorporating the best features and functionality of the Army's template Graphic User Interface (GUI).

The site has a no-nonsense navigation and design that acts simultaniously to showcase JMTC stories, maps, photos, audio, video, and an up-to-date library of information and web links, which makes searching, or browsing efficent and visually engaging.

Besides hard news and facts, the site will host new features and a variety of interesting materials, which will not only be of use to Soldiers and military family members, but the public at large.

WWW.ATN.ARMY.MIL

Why you should bookmark it:

This high end (and high speed) site is a fully interactive portal designed specifically for training professionals.

The site is content specific and "built for speed" with excellent realtime information that speaks directly to modern training issues and difficulties facing today's Army at war. Updated daily.



Where to find it: http://www.atn.army.mil

WWW.ARMYSTUDYGUIDE.COM

Why you should bookmark it:

The easy to use body fat calculator alone makes this a worthy candidate for bookmarking, but frankly, its the



archive that you'll find yourself returning to regularly. Note: Editorials, comments, Ads or any other material

training and education

Note: Editorials, comments, Ads or any other material on this site are implicitly NOT the opinions and/or views of the US Army, and no endorsment is implied.

Where to find it: http://www.armystudyguide.com

WWW.HISTORY.ARMY.MIL

Why you should bookmark it:

"Those who forget history are condemned to repeat it" is an oft used and well worn maxim, probably because

it's true. It's also a lot of fun and this newly updated .mil website has a terrific graphic navigation and user interface that makes fact finding easy. It's a military history url for the new plugged-in Soldier under 30.



Where to find it: http://www.history.army.mil/

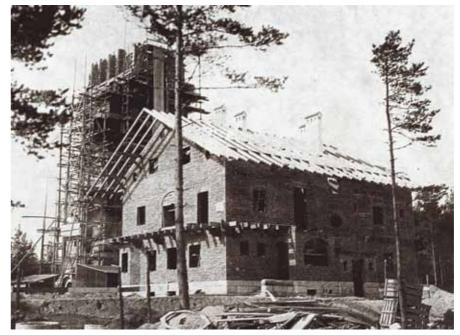
CALL FOR ENTRIES!

Do you know of an outstanding Training website of value to Soldiers? Forward the url to jmtcpao@eur.army.mil
Be sure to include a short description or review of the site.

THE GRAFENWOEHR CENTENNIAL: JUNE 1910 - JUNE 2010

Grafenwoehr 1909: "Sawdust and Raw Recruits"

by Michael Beaton JMTC Public Affairs and Olaf Meiler, curator Grafenwöhr Historical and Cultural Museum Photos used by permission, from the collection of the Grafenwöhr Historical and Cultural Museum



and other supplies in attachable pouches outside his coat. His weapon was the Gewehr 98 rifle and bayonet - the latter he carried in a leather sheath attached to his belt. On his back was a bedding roll and on his chest he carried a very "modern convenience" the flashlight which he could use for signaling, or map reading at night. Lastly he wore the signature helmet of the Bavarian Army, the spiked "Picklehaube".

In the next decades his gear, equipment

boots. He wore a leather & suspenders

belt in which he carried his ammunition

In the next decades his gear, equipment and training will change, but the soldier's first maxim: "Train to Win", would not.



n June 1909, 100 years ago, a walk through Grafenwoehr's front gate, Gate 1, would have undoubtly left ones boots covered in sawdust. The familiar Water Tower was unfinished, and there was only a hint of the rustic, Franconian style present along the streets today.

Sawdust was everywhere that summer and the noise of scraping, nailing and all the familiar sounds of construction was everywhere. Those sounds are still to be heard on Post today, just take a quick walk from the JMTC Headquarters building to the East Camp dining facility. In 1909, a walk Grafenwoehr Training Area would introduce you to the Prince Regent of Bavaria's

III Corps Soldiers,

who had just arrived from the recently completed railhead in town.

By the end of 1909, Bavarian Soldiers began to pour into Grafenwoehr from all points across the state, ready to train and then serve in the growing Imperial Army of the German Kaiser.

The average Soldier who disembarked from the train at this time was 22 years old. He was fully literate and for many it was quite likely that the journey to Grafenwoehr was the farthest they had been from their homes up until that time. Most arrived by rail, but some marched in from collection points under the eyes of their commanders. The average Grafenwoehr soldier's gear circa 1909 consisted of a heavy blue woolen overcoat with two pockets and a thick collar, pants of the same material and a pair of sturdy

The Culture and Military Museum Grafenwoehr located at Martin-Posser-Str. 14 (City Center) is open Tues - Thurs and Sunday from 2 pm to 4 pm.



IN AND AROUND JMTC

NEW MRAP TRAINING IN EUROPE BUILDING SOLDIER CONFIDENCE

Story and photo by Christian Marquardt, JMTC Public Affairs

The blast shakes the ground and sends up a cloud of dirt and leaves.

A convoy of Soldiers has been hit by an Improvised Explosive Device – or IED.

Moments later, a large truck emerges through the dust of the explosion, followed by the rest of the convoy. They move off down the road to continue the mission. The Soldiers driving the truck - a Mine Resistant Ambush Protected, or MRAP, vehicle - have just passed another training test.



Soldiers from the 173rd Airborne Brigade Combat Team maneuver a Mine Resistant Ambush Protected (MRAP) vehicle past an Improvised Explosive Device during a situational training exercise at the 7th Army Joint Multinational Training Command's Hohenfels Training Area.

Soldiers from the 173rd Airborne Brigade Combat Team are the first in Europe to use MRAPs as part of their mission rehearsal exercise in September at the 7th Army Joint Multinational Training Command's (JMTC) Hohenfels Training Area. The MRAPs are new to the training program in U.S. Army, Europe (USAREUR). In July, 40 MaxPro Category 1 MRAPs were shipped from Kuwait to JMTC for use in Mission Rehearsal Exercises and vehicle familiarization for USAREUR Soldiers

in Mission Rehearsal Exercises and vehicle familiarization for USAREUR Soldiers before they are deployed downrange. The vehicles are outfitted with more than 10 tons of armor and a sophisticated array of IED countermeasures, including a v-shaped hull to deflect explosions away from the vehicle, and suspension floors and seats that reduce the injuries caused by the shockwaves.

After a short familiarization course on how to operate the MRAPs, the 173rd Soldiers incorporated the vehicles into the training scenarios in the training area. The tactics are similar to those used with the traditional High Mobility Multipurpose Wheeled Vehicle – better known as Humvees – with a few exceptions. "You have a really good view of the whole terrain, sort of like a bird's eye view, compared to the Humvee," said Specialist Luis Gutierrez, who just returned from his first training convoy using the MRAP. "You really get a sense of security when you're in there," said Gutierrez. "It's the thing of the future."

JMTC will include the MRAPs in more of its future training rotations at its European training areas to better prepare Soldiers for the types of equipment and scenarios that they will experience downrange. "We're able to learn the equipment before it's just thrown at us, and we get to put it into play," said Gutierrez. "You don't want to be learning your equipment during the war.

2 SCR SOLDIERS FIRST IN EUROPE TO TEST THE ARMY'S NEWEST HOWITZER

Story and photos by Staff Sgt. Fredrick P. Varney, 133rd MPAD



A Soldier from Alpha Battery, Fires Squadron, 2nd Stryker Cavalry Regiment (2SCR) unloads a shell for the fielding of the new M777 Howitzer at the JMTC Training Area in Grafenwoehr, Germany. Fires Squadron is the first Army Artillery Unit in Europe to field the M777.



2SCR Soldiers prepare to fire the M777. The ranges on Grafenwoehr are the only place in Europe where units can hone their skills with large caliber weapon systems like the M777.



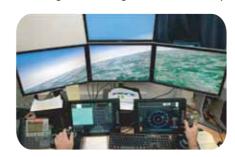
The 2SCR will continue to train with the new M777 Howitzer. The JMTC plays an integral role in helping 2SCR train, while continuing to enable the Army to modernize and improve by facilitating the testing of new methods, equipment and weaponry in Europe.

VIRTUAL AIRCRAFT PROVE THEIR WORTH TO JMTC TRAINERS IN EUROPE

Photos by Msgt. Corey Clements, United States Air Force Europe Public Affairs Story by Denver Makle, JMTC PAO

For the first time in Europe, the U.S. Air Force and the U.S. Army trained with virtual aircraft attacking real targets on the ground in Germany.

During the recent exercise, a Joint Terminal Attack Controller (JTAC), an Airman that directs aircraft to destroy targets within close proximity to



On September 14, Joint and multinational forces participated in a proof-of-concept exercise for a new virtual fighter simulator called the Advanced Tactical Aircraft Simulator (ATAS), as part of the recent mission rehearsal exercise to prepare the 173rd Airborne Brigade Combat Team and 12th Combat Aviation Brigade for an upcoming deployment.

The Joint Multinational Training Command and the Warrior Preparation Center, near Ramstein Air Base, consistently work together to enhance the overall joint training experience. During the recent exercise, a Joint Terminal Attack Controller (JTAC), an Airman that directs aircraft to destroy targets within close proximity to ground forces, viewed live targets on the ground. He called for close air support from a pilot flying a virtual fighter aircraft. The ATAS received an electronic feed of the targets provided by a MILES II instrumented system at the Hohenfels range, which represented the live assets on the ground.



These assets included Soldiers operating in the training environment and their vehicles, all in real-time. A pilot at the Warrior Preparation Center, about 4 hours away from the training site, saw the battlefield, and was able to destroy these real-world targets.

MULTINATIONALS ACQUIRE MULTI-SKILLS AT GRAFENWOEHR TRAINING AREA



Story and photo by Sgt. Cassandra Groce, 133rd MPAD

U.S. Marines, Airmen & German troops practice pivot points, stress fires, movement firing and other combat essential skills at the Joint Multinational Training Command ranges in Grafenwoehr, Germany. The training helps to improve service

members skills beyond the conventional prone and foxhole positions rarely seen in combat, as well as give them the opportunity to work with a variety of military branches.

Not so long ago, deploying troops practiced shooting from a foxhole or in the prone position. Looking down the firing line, you would see the same uniform. Today's ground forces find themselves shooting from a variety of positions – in stress situations – and thanks to the joint efforts in Iraq and Afghanistan, alongside other servicemembers from around the world.

IN AND AROUND JMTC

RENOVATED INDOOR RANGE NOW OPEN IN STUTTGART



Story and photo by Eric Steen, TSC Stuttgart

Stuttgart units welcomed the return of Panzer Kaserne's indoor range facility, Range 7, during the Opening Ceremony more than 45 individuals representing 14 units and organizations in Stuttgart, and as far away as Baumholder attended the Event hosted by Training Support Center (TSC) Stuttgart, 7th U.S. Army JMTC. The Grand Opening marked the return of the range to a functional status by completing much needed improvements and renovations.

The renovation project, valued at more than \$650,000, provided the range with all new wooden baffles, a new floor that replaced the existing sand floor, a new bullet trap - the rubberized Gran Trap that replaced the existing sand bullet catch, adjustments to the air evacuation system, and improvements to existing office spaces within the range complex. The project was conducted by the Corps of Engineers.

The range, constructed in 1983 as a combat theater for units on Panzer Kaserne, had seen only one previous renovation in October 2003, funded by United States Army Garrison Stuttgart.

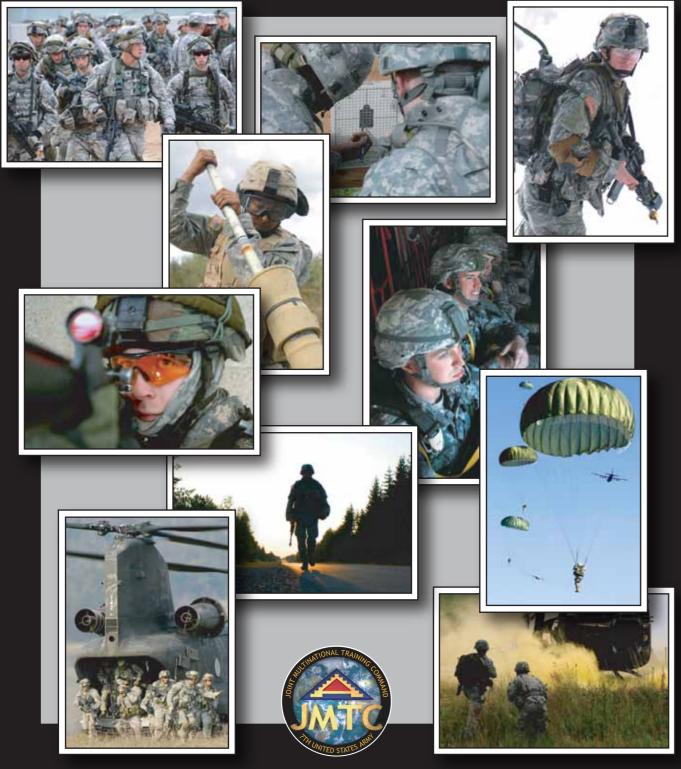
Since 2001, more than 1.4 million rounds of small arms have been fired were fired on the range. Of those, a total of 197,526 were fired in 2008.

In addition to firing capabilities, the range is a noise abatement measure to the surrounding Host Nation communities instead of firing on outdoor ranges.

JMTC HONORS AND CELEBRATES THE YEAR OF THE NONCOMMISSIONED OFFICER

2009

The Year of the Noncommissioned Officer



COVER STORY: INTRODUCTION BY COMMAND SERGEANT MAJOR DARIEUS A. ZAGARA

"I'M PROUD TO

INTRODUCE YOU TO THE

EXTRAORDINARY NCO CORPS

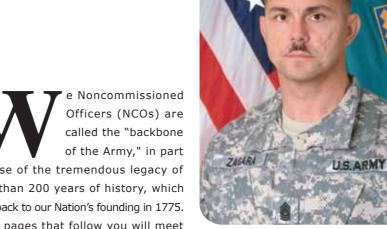
THAT MAKES THE

JOINT MULTINATIONAL

TRAINING COMMAND (JMTC)

AN EXTRAORDINARY

INSTITUTION."



because of the tremendous legacy of more than 200 years of history, which dates back to our Nation's founding in 1775. In the pages that follow you will meet

some of the most accomplished and professional NCOs the Army has to offer. Their dedication to mission and their personification of the Army values is evident through their work daily. In recognition of their commitment to service and willingness to make great sacrifices on behalf of our Nation, and the sacrifices of those that came before, the Secretary of the Army has established 2009 as Year of the NCO. I'm proud to introduce you to the extraordinary NCO Corps that makes the Joint Multinational Training Command (JMTC) an extraordinary institution.

The JMTC offers a wide-variety of training opportunities for the development of today's NCOs. The JMTC provides facilities, but it is the unit's responsibility to be flexible and adaptive in their approach to training and utilization of our resources.

Brigadier General Salazar and I, and the rest of the JMTC team are committed to providing the

best possible facilities, facility support and resources to training units to ensure the success of our Soldiers on the battlefield, against any foe, wherever they may be.

We invite you all to visit the Command prior to training rotations, and receive an executive overview of the available resources to ensure the most effective use of your valuable training time.

In addition to providing more than 57,000 acres of ranges and training areas at the Grafenwoehr Training Area and 40,000 acres at the excellent neighboring facilities at Hohenfels, U.S. Army and multinational units face a professional, freethinking, opportunities- based operational force (OPFOR) during mission-rehearsal exercises and maneuver training. Having the OPFOR at the disposal of the training unit allows a commander to use tactical decision-making processes to develop a course of action to defeat the adversary. Likewise, because of proximity

to other European nations and Africa, the JMTC can easily provide joint and multinational training opportunities between other U.S. services and/or allied partners. It is more likely that that units will train with their coalition partners here, before deploying downrange. It's just the way we do business. When a unit comes to Grafenwoehr, they are guaranteed realistic joint and multinational training. All it takes is a little imagination from the training unit and the facilities managers. Grafenwoehr is the home the Army's oldest Noncommissioned

> Officer Academy, the 7th Army NCOA and a premier Warrior Leaders Course (WLC).

For the Fiscal Year 2009, more than 3300 NCOs graduated from the WLC, and of that number about 80 Soldiers were from partnering or allied nations countries like Uganda, Liberia, Greece, Poland, Slovenia and Turkey. I'm sure the success of the NCOA is in large part due to

the great measure of cooperation that exists within USAREUR. Everyone has played a significant role, the unit Schools NCOs, the academy cadre and the students.

The focus on excellence and inclusion of international NCOs serves to broaden the experience of the student NCOs and

the cadre, making it one of the most unique academic

experiences offered in the U.S. Army today. I am proud to be associated with an organization that has the ability to create such long-lasting results for the U.S. Army, while also contributing to the Nation's diplomatic goals of fostering

peace and cooperation in the region.

JMTC HONORS AND CELEBRATES THE YEAR OF THE NONCOMMISSIONED OFFICER

Il under one command, the Grafenwoehr and Hohenfels training areas, the 7th Army Noncommissioned Officer Academy (7th Army NCOA), the Combined Armed Training Center and the Directorate of Simulations and Training Support provides a live, virtual and constructive playground for all things training.

Out on the ranges the JMTC provides a myriad of small unit leader capabilities, the Leader Reaction Course, Confidence Course, and Land Navigation Courses, which are largely underutilized. Additionally, there are training sites for military operations in urban terrain and shoot houses that can be used with simulations, munitions, and for live-fire training. Many of our live fire ranges can be transitioned to convoy live-fire lanes, as well as, squad maneuver live-fire.

There is almost nothing that our experts at Range Operations

will not do to modify the facilities to support the units training requirements. Units are encouraged to use our facilities. The depth and breadth of training opportunities available is unmatched anywhere. Our training areas can support current and future expeditionary forces composed of airborne, artillery, aviation, infantry, as well as, a variety of excellent training opportunities for brigade combat teams.

On South Camp, the CATC has a myriad of courses to enhance your unit's ability to accomplish its mission. There are courses in maintenance, safety, nuclear-biological-chemical agents, small arms master gunner skills, a First Sergeant's Course, a Close Quarters Combat, Urban Breacher's Course, in addition to the Combat Life Saver Course and Combat Medic Advance Skills Training, and the list goes on.

There are 48 courses available. Most can be conducted at a home station, all one must do is make the request.

A "gem" often overlooked on the East Camp is the Directorate of Simulations and Training Support (DOS-TS). While the Joint Multinational Simulations Center (JMSC), DOS-TS' state-of-the-art simulation center, has the ability to train staffs from brigade-level to a three-star deployable headquarters, it also trains individuals and Tactical Operations Centers (TOCs) on all the battle command systems the Army uses today to control Soldiers and equipment on the battlefield.

One tool the JMSC administers to ensure well-trained Soldiers and TOCs, the Digital University is always available to assist in training U.S. personnel and current or potential coalition partners. The DOS-TS serves as the single point of contact, or the one-stop-shop, for all of USAREUR's homestation, deployed, or simulation training support.

The mutual respect and cooperation earned by working and training with our allied partners is evident through the

success of the International Special Operations Training Center (ISTC), a hidden jewel that resides just outside Stuttgart, in Pfullendorf, Germany and offers Special Operations training to a select group of Soldiers in the areas of Sniper, Close Quarter Battle Course as well Medical training, Combat Survival Course, Patrol Course, and vehicle recognition just to name a few of the many courses available or in planning at that particular facility.

These Soldiers from the ranks of main stream Army do not have to be 18 series; however they must be prepared to meet the rigorous physical requirements of each course.

It would take quite a book to build the complete picture regarding the expanse of this Command; There are highly trained NCO's and superb resources that are available to units that want to train.

TRAIN TO WIN!



Staff Sgt. Christopher Massey Age: 29 Current Unit: 7th Army NCO Academy Current Position: Small Grp Ldr, WLC Component: Active Army Current Location: Grafenwoehr, FRG Hometown: Little Compton, RI

Story & photo by Staff Sgt. Lyttleton Yates JMTC Public Affairs

Years of Service: 11

U.S. Army Staff Sergeant Christopher Massey spends 32 days building up the future of the Army, 48 Soldiers at a time.

He'll tell you that he's just doing his job, trying to make sure that Soldiers attending his Warrior Leaders Course (WLC) know what right looks like. "So often, we as NCOs just take people's word for what 'right' really is," he said. "WLC tells the sergeants that come through here what the Army expects from them in their position as a leader.

As a Small Group Leader (SGL) for the WLC taught at the 7th Army's Noncommissioned Officer Academy, Massey knows his position as a mentor is important to the careers of many young troops.

"My SGL, during PLDC, appeared to be very lazy. She spent no more time than was absolutely required with us, and was blatant about not caring about making us into better leaders," he said. "NCOs teach and lead by experience. "I believe the biggest gain from the combatives program, as a whole, is the confidence it gives an individual to close the distance with an enemy. This confidence extends well beyond just hand-to-hand confidence." he said. Whether he's teaching study groups or combative courses – what he's too modest to admit is that he epitomizes leadership – he is what right looks like.



Sgt.1st Class Thorsten Lamm Age: 42 Current Unit: 7th Army JMTC Position: JMTC GTA Safety NCOIC Component: Army Current Location: Grafenwoehr, FRG Hometown: Potsdam, NY Years of Service: 18

Story by Katie Cooper

If the soldiers are using safe and smart methods while training, that's how you know Sergeant 1st Class Thorsten Lamm is on the job.

Lamm works at the Joint Multinational Training Command's, Grafenwoehr Range Control. He is the GTA Safety NCOIC. Knowing who's training and where is only part of his job. His main focus is the safety of the soldiers, who come to the Training Area to prepare for deployment and combat. "Joining the military was the best decision of my life," said Lamm, "It's the best system in the world, and it's the best for my family."

He joined the military 1990, to help pay off student loans. If asked if he'd stay in the military for more than 18 years, he would've answered no. However, he has now been in the Army for over 18 years and believes it to be the best system in the world.

A German native, Lamm was born in Karlsruhe, Germany and moved to the United States during his teen years. Lamm takes his job very seriously. He doesn't hesitate when it comes to safety. He'll shut down a range if he has to because of safety. "A lot of NCO's have forgotten what a leader should do. It's taking care of the soldiers, that's my priority." Lamm said. "Soldiers First, Self Second."



Sgt. 1st Class Charise Kelly
Age: 36
Current Unit: JMRC Falcon Team
Current Position: Observer/Controller
Component: Active Army
Current Location: Hohenfels, FRG
Hometown: Atmore, AL
Years of Service: 19

Story & Photo by Staff Sgt. Gina Vaile-Nelson 133rd Mobile Public Affairs Detachment

During her deployment in support of Operation Iraqi Freedom (OIF), Charise Kelly was forced to make split-second decisions to

save her Soldiers lives. Now, as a sergeant first class, Kelly is tasked with providing Soldiers the tools to be able to make those same decisions - in a safe environment.

As a Forward Arming and Refueling Point (FARP) Observer Controller for Headquarters Company JMRC Falcon Team, Kelly strives to make predeployment training as realistic as possible to ensure Soldiers will be successful downrange.

"In Iraq, I had four rockets land on my fuel bag farm outer berm," she said. "I got all my Soldiers to safety and lucky enough, not one of them detonated.

Kelly describes her Observer/Controller style as very in your face, very direct from the start, but very thorough and informative. "When a new unit comes in," she said, "they think I'm hard core and I shock them a bit. But I'm going to make sure that they know what to do in any situation I toss at them. I want them to come back alive and safe. I teach Soldiers how to react so if they can't find that NCO who outranks them, they can take charge in the absence of leadership," she said. "They will look back one day and say 'my NCO taught me that. That's when you know you were successful.



Sgt. Robert Murray
Age: 25
Current Unit: Delta Co.,
1st Batt., 4th Inf. Regt.
Position: Team Leader/Gunner
Component: Active Army
Current Location: Hohenfels, FRG
Hometown: Port Charolette, FL
Years of Service: 8

Story by Denver Mak JMTC Public Affairs

At the Joint Multinational Readiness Center(JMRC) in Hohenfels, Sergeant Robert Murray makes his money playing war games.

He is a member of the professional opposing force at the JMRC. Murray is a tank-gunner and team leader. His unit supported the International Security Assistance Force (ISAF) since 2004. It deploys a company-size unit, during each ISAF rotation to Afghanistan. When not deployed, the 1-4 helps to train U.S. and International Soldiers for deployments downrange.

He's no ordinary Soldier, Murray has deployed, but with the Navy, before he became a Soldier.

"I was on oil platforms off the coast of Iraq, and transferring from ship to ship." said Murray "They were U.S. civilian ships that carried other ships."

Murray expects to deploy with the 1-4. He says they are well-trained, and he is glad to go downrange with the team. "Before we deploy, the Company D, does a pre-op training. We keep going over and over the skills," he said.

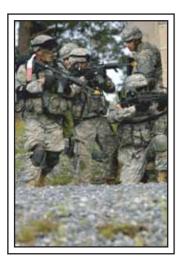
"We do battle drills, and everyone knows what to do without thinking." "Good NCOs should be smart on their feet, and know how to lead, they have to know thier Soldiers."

-- Robert Murray is the winner of the 2009 JMTC Soldier of the Year Competition.

JMTC HONORS AND CELEBRATES THE YEAR OF THE NONCOMMISSIONED OFFICER

JMTC SOLDIER IS ARMY'S TOP NCO FOR 2009

Story by Denver Makle, JMTC Public Affairs



Sgt. 1st Class Aaron Beckman

Age: 31

Current Unit: 7th Army Noncommissioned Officers Academy Current Position: Senior Small

Group Leader
Component: Regular Army
Current Location: Grafenwoehr, FRG

Current Location: Grafenwoehr, FRG Hometown: Venango, NB Years of Service: 12

He is calm and unassuming; he speaks with authority when it comes to training and mentoring Soldiers. SFC Aaron Beckman, senior

small group leader of Company C, 7th Army Noncommissioned Officer (NCO) Academy in Grafenwoehr, Germany, loves what he does for a living. He is a Soldier that loves soldiering. "You can always take something from everyone, either how to do something well, or how not to do it," he said.

"Learn from mission, and every senior, peer and subordinate."
Beckman leads a platoon of four staff sergeants and 48
sergeants in four squads. He leads, coaches, and counsels
them in NCO leadership, during the stringent 390-hour
Warrior Leader Course, a basic leadership course that
provides Soldiers with an opportunity to acquire the skills,
knowledge, and experience needed to lead a team size
element. Training others to be the best puts pressure on
him to be the best, he said, to prove he could hold his
own against other NCOs he accepted a challenge to compete
in the 2009 Joint Multinational Training Command's
NCO of the Year competition.

"I had to ensure my Soldiers were as good as I, or better than I am," he said.

Beckman won the title, and went on to compete and win the U.S. Army Europe competition, August 13, 2009.

"It was fun being a Soldier again, he said. "Anything you think a Soldier needs to be proficient at, we were tested on start-to-finish."

Deployed in 1999 to Kosovo; 2002 in Kuwait; and during Operation Iraqi Freedom in 2003, Beckman is no stranger to what it takes to serve in the Army during war.

"Deployments give you the opportunity to apply what you have learned, perfect your battle drills, and take lessons learned to prepare for the next time," said Beckman. "There is no better way to get better than by actually doing your job."



Sgt. 1st Class Aaron Beckman, senior small group leader (SGL) of Company C, 7th Army Noncommissioned Officer Academy (NCOA) in Grafenwoehr, Germany, is the winner of the United States Army's 2009 Best Warrior Competition.

Beckman competed against 22 other Soldiers, during the week-long competition hosted from Sept. 27 to Oct. 2 at Fort Lee, Va. The Soldiers demonstrated their abilities on written examinations, an appearance before a military board, day-and-night land navigation courses, live-fire ranges, and during combatives competition.

In June and after winning the local competition, Beckman said he thought being a senior small group leader at the NCOA gave him a special advantage.

"One thing that is unique about Sgt. 1st Class Beckman is that he is a legitimate senior NCO. He doesn't have to prove anything to anyone - most of the time, the NCO competitions are won by younger NCOs because their Soldier skills are more current; they use them during their daily activities," said Command Sgt. Major Hu Rhodes, commandant of the 7th Army NCOA, "Working at the NCOA means Beckman gets to perform the Soldier skills daily as he instructs the students." Rhodes said, U.S. Army Europe provides the academy with exceptional NCOs, which has helped the Academy sustain a higher level of competency and quality over the past 60 years.

"It reflects great credit on the unit, but it's an accumulation of skills over the course of a career," said Rhodes "Even among the special group of NCOs we get,

Sgt. 1st Class Beckman stands out. We are justifiably proud."
This month the NCOA celebrates its 60th anniversary. The 7th Army NCOA is the oldest in the United States Army.



FFATURE

Leaders training leaders

By Staff Sgt. Gina Vaile-Nelson,

133rd Mobile Public Affairs Detachment, Kentucky Army National Guard

WLC INSTRUCTOR LEARNS BY TEACHING TOMORROW'S NCOS

Wearing full battle-rattle under a canopy of pine trees, Soldiers attending the Warrior Leader Course (WLC) at the 7th U.S. Army Noncommissioned Officer Academy (NCOA) in Grafenwoehr were evaluated after three weeks of classroom and hands-on instruction in becoming a non-commissioned officer (NCO) in the U.S. Army. "It definitely showed me what my weaknesses are," said Sgt. Carlos A. Lopez, a medic assigned to the Landstuhl Regional Medical Center attending WLC. Lopez said he doesn't get much time to practice and become proficient in tactical field operations. For that reason, his small group leader and WLC instructor, Staff Sgt. Jeremy L. Conn selected him as the first squad leader during the evaluation period. "Soldiers get put in a leadership position at their units without having learned the basic NCO fundamentals," Conn said. "This school takes that Soldier, puts him back at the beginning and brings him up in a crawl, walk, run phase." During the month-long course, Lopez and 139 other Soldiers, received instruction using the modern training facilities available at the Grafenwoehr Training Area.

The Joint Multinational Training Command (JMTC) manages and operates the Grafenwoehr and Hohenfels Training areas, which includes the NCOA.

"Before, my leadership style was a little more passive," Lopez said. "Now going through this course, I've become a little more aggressive in certain areas, and also become more knowledgeable about NCO business."

For Conn, instructing the WLC students is just as much of a learning experience for him as it is for his Soldiers. "Being an instructor is more than just putting out info," Conn said. "You get to put your experiences out there and take in experiences from other Soldiers. "There are Soldiers out here who are more experienced in some areas than we are, so we take that experience from the Soldier and implement it during training," he said. Conn said watching Lopez and his other

students negotiate the training lanes during their evaluations was instant proof of his effectiveness in the classroom. "It definitely lets you know if you are a good instructor," he said. "You hope that these guys take from you what you give them and they do well in the field."

He said the most vital take-away is how these Soldiers will present their new leadership skills at their home unit, or downrange in Iraq or Afghanistan.

"We train Soldiers to go to war, and it makes all the difference on the battlefield."

This article available on the web at: http://www.hqjmtc.army.mil







FEATURE

FEATURE

2SCR steps up training at Task Force-East

Story by Spc. Gerald Wilson, 2nd Stryker Cavalry Regiment Public Affairs Office

roopers from 2nd and 4th Squadrons of the 2nd Stryker Cavalry Regiment are hard at work in both Romania and Bulgaria training alongside their NATO counterparts as part of the United States European Command's Theater Security Cooperation event known as Task Force East.

During TF-East, 2SCR Soldiers are conducting multi-echelon exercises with both Romanian and Bulgarian Land Forces that range from team and squad level training up to Company level certification. Each Troop or Company is teamed with its Bulgarian or Romanian counterpart for a three-week long rotation that focuses on training maneuver tactics and techniques. Together, these units train on military operations in an urban environment, squad attack, and attacking an entrenched enemy.

All of which are battle drills that each unit could encounter in a combat zone. Focusing on basic combat skills allows Soldiers to receive a wide spectrum of tactical coaching from leaders in many areas. "Leaders at all levels are very proficient at tasks that Soldiers 10 years ago weren't," said Lt. Col. Omar Jones, the 2nd Squadron Commander. "However, continued training of basic Soldiering skills such as mounted and dismounted battle drills and individual movement techniques is vital." TF-East has proven to be a great opportunity for tactical planning and training junior leaders at troop leading procedures. Certification of leaders on the platoon and company level attack, movement to contact and breach procedures give leaders a good assessment of their unit's abilities.

Working in urban terrain, squads practice conducting raids on possible insurgent strongholds. Each squad runs through room clearing procedures and site exploitation.

Teams additionally conduct a myriad of exercises designed to hone basic combat skills to include movement to contact, defense of an assembly area, hasty defense, employment of snipers and calling for and the adjusting indirect fire. Troops are also learning how to overcome both natural and fortified objectives that they could encounter on the battlefield. One such objective is a trench troops must assault and secure before moving on to a subsequent target. Troops also must conduct the initial breach of a mined wire obstacle. Breach of a mine or wire obstacle is considered one of the most complicated missions to perform at the platoon and company level.

Training focuses on the synchronization of direct and indirect fires, obscuration, breaching assets, and maneuver assets, challenging leaders' abilities to manage all aspects of full spectrum operations. Calling for an air medical evacuation of wounded, calling fire support, and HMMWV and Stryker drivers training other essential skills being taught to TF-East Soldiers as well.

Other specialized training conducted is specific for reconnaissance sections and Human Intelligence teams. These operations are being integrated into all company level operations. Reconnaissance teams are training in three major areas. These areas are route reconnaissance, area recon, and zone reconnaissance. The exercise, in its third rotation, is slated to be completed in early October.

Exercise prepares NATO commanders for battlefield operations

By Spc. Michael Pfaff, 133rd Mobile PAO Detachment Kentucky Army National Guard

As many as ten **NATO** countries



at Grafenwoehr to participate in a live simulation exercise to help prepare for deployment in support of contingency operations downrange in Afghanistan.

With the support and assistance of the Joint Multinational Training Command (JMTC), the NATO operation began July 24, after more than one year of planning and preparation.

Commanders of the participating countries of Bosnia, Sweden, Finland, Norway, Hungary, Poland and the United States learn to make good battlefield decisions based on situational awareness, and build a rapport with the team they'll be working with in Regional Command North in Afghanistan.

"Part of the training is interacting with the people downrange and exchanging information," said Sgt. Anton Kireyev, a JMTC exercise support NCO. "That's done through a live NATO network."

To help the commanders grasp what the battlefield will be like in Afghanistan, the JMTC enlisted subject matter experts to provide academic support, roundtable discussions, and other forms of instruction to ensure the command is ready to take over once they arrive downrange.

Safely, properly and expertly loaded

Story and Photos by Staff Sqt. Aaron Hiler, 133rd Mobile PAO Detachment Kentucky Army National Guard

THE CONSEQUENCES OF IGNORING WILLIE BROWN

oldiers attending the **Combined Arms Training** Center's (CATC)Unit Movement Officer (UMO) Course

put their acquired knowledge to use during a practical exercise which evaluated their ability to properly secure and move military equipment for deployments.

The two-week UMO course combines administrative details of planning and executing a unit movement, as well as the practical aspects of ensuring that equipment is properly and safely loaded for shipment. It begins with classroom instruction and culminates with the movement exercise at the rail yard. "The Unit Movement Officer course is designed to teach Soldiers the proper methods of moving the unit's equipment throughout Europe," said course manager and instructor Willie Brown.

Brown led the students through the procedures for securing a High Mobility Multipurpose Wheeled Vehicle (HMMWV), a M939 5-ton truck, and a Bradley Infantry Fighting Vehicle, for rail

transport.

Properly securing vehicles and equipment on a rail car ensures that it won't jar or come loose and potentially strike other trains while in transit. "Rail transportation is the most detailed portion of our course," said Brown, "because it's it's the

primary means of transporting heavy equipment through-out the U.S. Army, Europe theater."



Capt. Jonas Bateman, Unit Movement Coordinator for Headquarters Company, 173rd Airborne Brigade Combat Team, grappled with a steel rope in an attempt to secure a 5-ton truck to a rail car. "The last time my unit deployed, we didn't have time to send anyone to the UMO course," he said. "We ended up

> spending a lot of time on our heels trying to learn and figure things while we were executing the movement," Bateman said. "We're not going to make that mistake again." We also teach the students how to load and weigh pallets for air movement," Brown said. While the UMO Course is primarily

taught at Vilseck, the course also has Mobile Training Teams (MTTs) that teach the course in locations all over Europe.

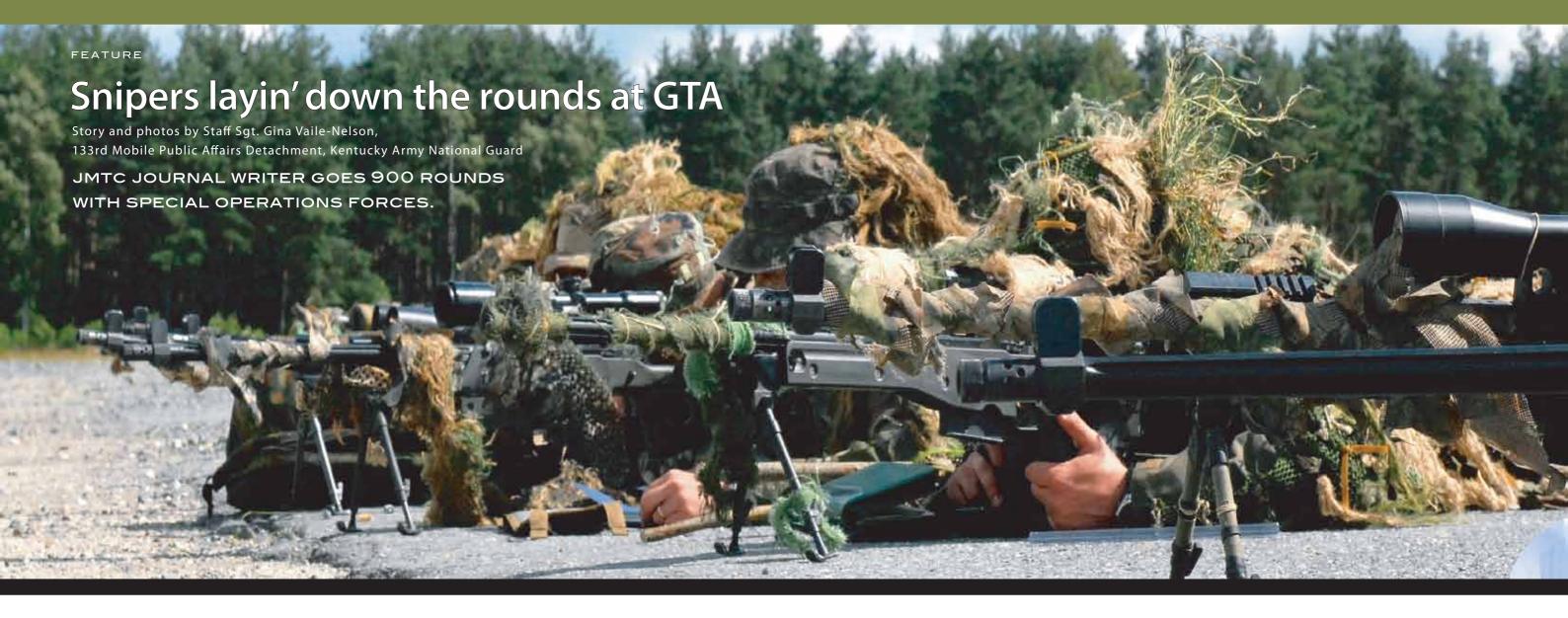
THE UNIT MOVEMENT OFFICER COURSE PREVENTS THIS!

Photo (1968) courtesy of the Grafenwoehi Historical and Cultural Museum

This helps units understand what will be required of your UMOs and load teams," he said, "which makes us much more successful when we deploy downrange.



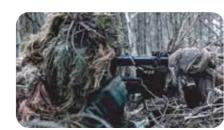
This feature is easily downloaded on the web at: http://www.hqjmtc.army.mil



an olive drab rucksack not covered...the subdued black muzzle of a Win Mag 300.

Just a few things that could get a Special Operations Soldier killed. "Is there a blade of grass out of place, not enough grass or too many sticks? You start to go a little bit crazy here and get paranoid. You start to question your position and wonder whether or not you are actually hidden," said U.S. Army Special Forces Sgt. John Doe, whose name has been changed for security reasons.

Concealed deep in the woods of the Grafenwöhr Training Area, Doe and his partner, German Special Forces Sgt. Lutz Addler (whose name has been changed for security reasons), lay in the prone, target in sight and ready to fire one extremely accurate, discriminatory round. They've been in the same position for more than six hours - through the night - after stalking four kilometers to a hidesite where they could observe the target. "We are used to training a certain way and techniques get engrained into you,"



he said. Over the course of five weeks, the two Special Operations Forces (SOF) Soldiers fired approximately 900 rounds, "which in any other course it may not sound like a lot, but we try to make every bullet count here," Doe said.

The course – the International Special Training Centre (ISTC) Sniper Course – teaches NATO partner SOF the fundamentals and proper sniper techniques. "This is a great opportunity," Doe said, "because a lot of time in Special Ops, as well as in the conventional Army, the first time you meet Soldiers from another country is downrange in combat.

"Having the opportunity to train with these individuals beforehand really improves the quality of the fighting force as a whole," the combat veteran said. ISTC Sniper Course instructor, Sgt. 1st Class Chris Rightmyer agreed.

"The multinational environment, working with JMTC and the NATO partners, allows us the opportunity to strengthen our relationships and build a rapport with other nations on the battlefield, which would be likely in the event of Soldiers randomly meeting during conflict," he said. "These guys have a relationship that allows them to fight together and understand how to communicate really effectively on the battlefield. They will have had the same training and worked together as a unified group," he said.

Rightmyer said the students learn the basic fundamentals of becoming a sniper:



shooting, observation, judging distance and stalking.

The Soldiers spend countless hours lying still and even more time processing math equations in their head to determine their distance between the hide point and the target. Using stalking exercises, memory and observation drills, Rightmyer and

the other instructors teach new snipers how to successfully eliminate targets without being detected. "There is a lot to take away from here so that when the team comes together once again, you can cross-train and teach each other what you learn; you get more training that way." "In training, you'll make mistakes," he went on, "That's the point. You make mistakes and learn. In combat, you don't get that opportunity. So, the mistakes you learn from here, you won't make downrange and that will mean you'll get to come home."

INTC

This feature is easily downloaded on the web at: http://www.hqjmtc.army.mil

19

FEATURE

Learning the Blue Force Tracker

Story and Photos by Spc. Michael Pfaff, 133rd Mobile PAO Detachment Kentucky Army National Guard

JMTC DIGITAL UNIVERSITY INSTRUCTORS MAKE THE POINT

weat is beading off of his forehead. Sgt. Joshua A. Blazonis, a truck driver with the 41st Transportation Co. in Grafenwohr, has located several threats of chemical attacks and it's of dire importance that his command and anyone else in the region know the location of such deadly threats.

Many lives are in this Soldier's hands. He shifts in his seat and eyes the rugged-looking, green box next to him. A medusa's head of thick cables juts out of the casing and the vivid blue glow of the display illuminates Blazonis' face. Housed inside the green box is the U.S. Army's most advanced global positioning technology, known as the Blue Force Tracker.

Blazonis takes the stylus pen clinging to the side of the box and begins to make quick stabs on the touch-screen display navigating through a series of menus.

When he's finished, he has just input the location of the chemical attacks and as eries of yellow blips begin to populate the map across his display,



pinpointing the locations of these threats. Via satellite, this information is networked back to his command, and to other trucks and coalition forces throughout the region.



realistic training simulation designed to develop service-members' knowledge of operating the BFT system.

"The BFT system is used for tracking vehicles, targets, enemy positions, and other things as they appear on the battlefield," said Eddie Hill, a training instructor for digital systems at the Digital University.



A MEDUSA'S HEAD OF THICK CABLES JUTS
OUT OF THE CASING AND THE VIVID BLUE
GLOW OF THE DISPLAY ILLUMINATES HIS FACE.
HOUSED INSIDE THE GREEN BOX IS
THE U.S. ARMY'S MOST ADVANCED
GLOBAL POSITIONING TECHNOLOGY,
KNOWN AS THE BLUE FORCE TRACKER.

Thankfully, they avoid the chemical attacks and it's quite possible Blazonis just saved someone's life. Or at least he would have if this mission were real. Blazonis isn't in the gun truck, he's in a classroom at the Joint Multinational Training Command's Digital University, Europe's premier training site for digital systems used in theater by all branches of U.S. Armed Forces.

Today is day three of the five-day Blue Force Tracker [BFT] course and Blazonis has just conducted an ultra"The training here is extremely realistic. We put them into positions so they can actually use the system to help analyze the situation and make decisions about what is really going on in the battlefield." Training is done using the military's crawl, walk, run method and by the end of the five days, the students are conducting an operation that lasts close to four hours long. The first phase is dedicated to introducing the BFT system and explaining how it helps troops in their working environment and the best

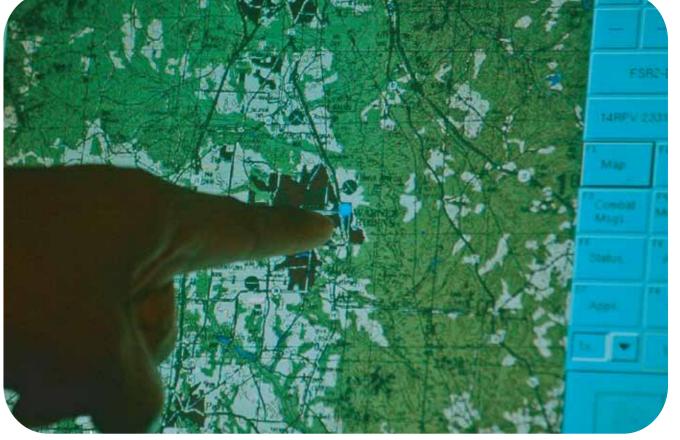


Photo (this page) Special thanks to Sue Sapp, USAF

ways to use the system. Students learn the system on a "white box" that is identical to the green box software but is housed in a more traditional computer. Phase two is designed to teach the students how to get the system up and running and then input data into the system. And finally, by the third phase, students are learning how to customize the use of the system for their particular mission needs.

While engineered for service-members without any knowledge of BFT, the training is also tailored to teach those combat veterans who have used the system on previous deployments

the more advanced techniques for utilizing the system.

"Having used this system for 15 months as a gun-truck commander downrange, I can tell you that this training is very beneficial," Blazonis said. "There are also a lot of things that I didn't do while downrange that would have made things a lot easier that I am learning in this class."

When Blazonis finishes the course, he's issued a DVD that includes all the training he received in the class. The goal is for Soldiers to take this training back to their home unit.

The Digital University instructors have the ability to also come to the

unit in the event the unit can't come to the Digital University.

"We do have the capability to set up a classroom at their location," Hill said. And we're not only limited to the BFT training, the Digital University is a treasure trove of incredibly valuable training for units preparing to go to war. In and out of the European community JMTC offers the only place U.S. military personnel can come to and get the training they need for specific real-time situations in the theater of operations-and that makes us truly one of a kind!



This feature is easily downloaded on the web at: http://www.hqjmtc.army.mil

DIRECTOR'S COLUMN

DOS-TS Training Opportunities

By Col. Stephen S. Seitz, JMTC Director of Simulation and Training Support

DIRECTORATE OF SIMULATION AND TRAINING SUPPORT PROVIDES TRAINING SOLUTIONS

he JMTC Directorate of **Simulation and Training** Support (DOS-TS) was formed in April 2009 as part of a reorganization of the Joint Multinational Training Command (JMTC).

The new directorate consists of a small staff and two previously existing organizations that are now DOS-TS Divisions: the Training Support Activity Europe (TSAE) and the Joint Multinational Simulation Center (JMSC). Personnel are currently assigned throughout

the US Army Europe (USAREUR) footprint at 20 locations in seven countries. The directorate focuses on training programs and initiatives related to live, virtual, constructive, gaming, and Battle Command Integration for JMTC and USAREUR units.

Training Support Activity Europe

provides live and virtual training support across USAREUR and manages Training Support Centers (TSCs) at all major military posts in the European area of responsibility. TSAE provides

training support through the Regional Training Support Center (RTSC) structure. RTSCs support Brigade Commanders and manage programs for their associated

TSAE has six RTSCs, 15 TSCs and a few satellite sites, (see Figure 1).



Figure 1 - TSC locations color-coded by RTSC Headquarters

The TSCs are designed for one-stop shopping for all units in their geographic area of responsibility. If they don't have the resources on hand to meet training requirements, they can reach-back into JMTC for any type of training support that may be required.

TSCs typically provide Training Aids, Devices and Simulations (TADS), and



CH-47 mock-up for Airborne Training at TSC Italy

CAPABILITIES

(Items not to relative scale.)

local training areas, including, scheduling, oversight, and maintenance.

TSCs provide Visual Information support

official and passport photos, event photography, video production, visual aids creation, and presentation support, including enlargements and lamination. TSAE personnel manage multi-million dollar training programs and capabilities on behalf of USAREUR. For example, their Integrated Training Area Management (ITAM) Program manages land and enables compliance with environmental law while sustaining the Army's live training capability. Other programs result in range improvement and the latest TADS being fielded to Army forces throughout Europe.



Integrated Training Area Management (ITAM) has permitted the European wide Training Areas to increase off-road

The Training Aids Production Center (TAPC), located at Grafenwoehr, can custom make complex training aids out of wood, plastic, and metal with modeling and production (see page 26).

The Deployable Instrumenation System Europe (DISE) Team can facilitate intrumentived AARs anywhere USAREUR Soldiers train. DISE is a combination of live instrumentation systems that



Reconfigurable Driver's Trainer interior

provide enhanced training and AAR capabilities at home station and deployed training areas. The team has



Reconfigurable Vehicle Tactical Trainer

enough equipment to support 870 personnel and 300 vehicles, which is easily deployable and backward compatible with MILES. It has a robust instrumented AAR capability that supplements observer/controller observations, and is currently being used to support Task Force-East (TF-E), 2nd Stryker Cavalry Regiment led bilateral training with the Romanians and Bulgarians in their home nations (see page 25).

TSAE also manages a plethora of portable virtual simulators including: Engagement Skills Trainers (EST), Call for Fire Trainers, Fire Support combined Arms Tactical Trainer, GUARDFIST

Observed Fire Trainers, Conduct-Of-Fire Trainer/ Gunnery Trainers, and a Stryker/MRAP (reconfigurable) Driver's Trainer. Construction is nearly complete on their Virtual Device Training Facility that will house mobile virtual devices located at Grafenwoehr when they are not deployed. This facility will be the home base for the trailer mounted simulators to include the newly acquired Reconfigurable Vehicle Tactical Trainer.

At TSAE's TSC Bamberg, part of RTSC Schweinfurt, the EST is modified to to be used in military vehicles during unit training.

The EST supports individual and collective weapons skills development in a dynamic virtual environment. Soldiers are challenged with a widevariety of scenarios for marksmanship, collective training, and shoot and don't shoot training.



The TSC also offers a mobile Virtual Combat Convoy Trainer (VCCT).



173rd ABCT Soldiers face opposing forces at

TSC Bamberg also provided one of three local training areas for training, during the 173rd Airborne Combat Team (ABCT) and 12th Combat Aviation Brigade's combined Mission Rehearsal Exercise (MRE) at the Joint Multinational Readiness Center in Hohenfels, Germany. The TSC supported operations that included an outof-sector night-time air assault at their Military Operations on Urbanized Terrain site.

COUNTER IED ELECTRONIC WARFARE (CREW 2) Interrupts triggering of IED Training Devices.

MEDICAL TADS Realistic medical training devices that train a variety of advance



CLOSE COMBAT MISSION CAPABILITIES KIT (CCMCK)

Replacement bolts allow actual weapons



TRAINING IMPROVED EXPLOSIVE DEVICES

Authentic and up to date, large and small simulated IEDs in multiple designs, suicide vests, trip wires, model kits in detail and variation, pyro and non-pyro devices as well as new items in development that are added regularly.



IED attack.

TSAE SUPPORTS TRAINING FOR TF-E

DOS-TS TRAINING OPPORTUNITIES, CONTINUED

he Joint Multinational Simulation Center (JMSC) supports Overseas Contingency Operations (OCO) training and Mission Rehearsal Exercises (MRXs). It also facilitates joint, combined, NATO, and service component commander, staff, and leader constructive simulation training from the individual Soldier to Combined Joint Task Forces staffs. It can host simultaneous events with more than 2,000 participants, including, Battle Command Training Center (BCTC) "spoke sites" with trainers and equipment at:

Baumholder, Kaiserslautern, Hohenfels, Schweinfurt and Vincenza in accordance with training requirements.

The JMSC provides gaming-based training for small units to practice Warrior Leader Skills, actions on contact, IED defeat, and tactics, techniques, and procedures. The Center uses Virtual Battlespace 2 (VBS2), a first-person simulation that allows Soldiers to virtually conduct mounted and dismounted missions on geo-specific or geo-typical terrain. VBS2 has robust After Action Review (AAR) features.

JMSC recently acquired a HUMINT Control



JMSC can custom make geo-specific simulated terrain; VBS2 view of MOUT facility at Hohenfels is shown"

Cell (HCC) suite. It is designed to train Human Intelligence collectors to effectively gather information. The HCC system uses state-of-the art speech recognition and translation software, artificial intelligence,

JMSC CAPABILITIES

speech synthesis, and a life-size projection as the training platform. Soldiers can interact with virtual avatars, to include interpreters, in a variety of scenarios.



Soldier talks with virtual avatar using the HUMINT Control Cell (HCC) system

The JMSC trains USAREUR personnel to use Army Battle Command Systems (ABCS) with their Digital University (DU). The instructors train more than 3,000 Soldiers per year to use 16 battle command systems currently being used by Army units (see page. 20).

They conduct this training in their classrooms at Grafenwoehr or they take the training to unit locations with their mobile training teams (MTTs). The DU also conducts over-the-shoulder training during exercises to teach operators and commanders how to effectively operate and integrate their battle command systems.

Post Exercises (CPXs) that incorporate a live Common Operating Picture from ployed unit position data is culled out and combined with future locations of participating units to form a hybrid environment of current real-world and simulated unit locations and events. This technique is supported by a realistic scenario and a dynamic Master Scenario Event List database. It allows actual events down range to provide some of the context and events that

JMSC MODELS AND

SIMULATIONS

for staff training.

are traditionally role-played. This type of training is facilitated by the Joint Exercise Control Suite. It enables

low-overhead, multi-echelon, complex Live-Constructive-Gaming exercises by integration between VBS2, Joint Conflict and Tactical Simulation (JCATS), and battle command systems such as Force XXI Battle Command for Brigade and below (FBCB2) and the Command Post of the Future (CPOF). This type of training has been praised by commanders.

The JMSC is the only BCTC certified by the Joint Forces Command, Joint National Training Capability Program to conduct Joint training.

To arrange training with the JMSC, call DSN (314) 475-JMSC (5672) or contact your local TSC.

JMSC DIGITAL **UNIVERSITY COURSES**

ADOBE CONNECT (Collaboration Tool) AFATADS (Advanced Field Artillery Tactical Data System)

ASAS (All Source Analysis System)

BCS (Battle Command Server)

BFT (Blue Force Tracker)

CIDINE (Combined Information Data Network Exchange)

CPOF (Command Post of the Future) C2PC (Command and Control Personal Computer)

DCGS-A (Distributed Common Ground

EMT (Effects Management Tool)

FALCONVIEW (Geospatial Intelligence

FBCB2/ULM(Force XXI Battle Command for Brigade and below/Unit Level Maintenance)

ICSF (Integrated C4I System Framework)

JADOCS (Joint Automated Deep Operations Coordination System

MCS (Maneuver Control System)

TIGR (Tactical Ground Reporting System)

Take the training and head (TF) East

Story by Kevin Penelton, Chief TSAE Operations Branch

TRAINING SUPPORT CENTERS IN ROMANIA AND BULGARIA

raining Support Activity Activity Europe (TSAE) continues to demonstrate the unique capabilities and versatility that provide USAREUR units with world-class training and readiness support throughout the USAREUR area of operations. TSAE is currently providing training support in Romania and Bulgaria to the 2nd Stryker Cavalry Regiment (2SCR) as part of the Task Force-East (TF-E) mission from August through October.

can support up to platoon level collective live fire, and Mobile MOUT sites which allow Soldiers to train in Urban operations.

Assets that were mobilized across USAREUR to support TF-E included Engagement Skills Trainers (EST), **HMMWV** Egress Assistance Trainers (HEAT), Training Improvised Explosive Devices (TIED), Stryker MILES, and Call for Fire Trainers (CFFT). In addition, TSAE sent USAREUR-unique training assets such as the Deployable Instrumentation

> Systems Europe (DISE), a system which can provide commanders with a instrumented force-on-force. After-Action Review (AAR) capabilities, and Deployable Range Packages, targetry which now provides a modern, scalable live fire target

capability. TSAE's Regional Training Support Center-Expeditionary (RTSC-E) is responsible for providing training support in Romania and Bulgaria and has supported three previous rotations of training. "Lessons learned from previous rotations contributed to the current success, said John Barnett, RTSC-E Chief. "I am excited at how well prepared we were for this exercise.



HMMWV Egress Assistance Trainer (HEAT) Photo by Michael Beator

This was our first opportunity to support the 2SCR and its unique training capability as well as to provide simultaneous training support from both Romania and Bulgaria."

The ability to provide this full range of training assets and opportunities is what makes TSAE a leader in the training support arena, and allows deployed units to maintain readiness anywhere.

For additional information on support for TF-E or any other mission, contact your RTSC, TSC or TSAE headquarters.



Photo by Martin Greeson



This feature is easily downloaded on the web at: http://www.hqjmtc.army.mil

The JMSC conducts Command Iraq and Afghanistan. Some de-

BATTLE COMMAND SYSTEMS TRAINING

Conducted by the JMSC Digital University



TSAE mobilized equipment and personnel

from across USAREUR and sent them to

Romania and Bulgaria to augment Training

Support Center (TSC) assets already in

place to best support the training unit's

requirements. Those assets in place in

both Romania and Bulgaria include:

small arms and machine gun qualification

ranges from 25-500m, Local Training

Areas (LTAs), and maneuver ranges that

SENIOR LEADER MEDIA

TRAINING

Conducted by the JMSC Global News Network

SIMULATED OPPOSING FORCE Provides a thinking enemy for simulation and scenario event-based training



GAME BASED **DESKTOP TRAINING**

Trains small unit TTPs (it's easily deployable)





JDLM - Used for deployment and logistics training.

JCATS - Primary constructive Simulations used by JMSC



TACSIM - Intel Simulation training objectives

FFATURE

A Different kind of Supermodel

Story and Photos by Sgt. Cassandra Groce, 133rd Mobile Public Affairs Detachment

JMTC TRAINING AIDS PRODUCTION CENTER BUILDS CHINOOK REPLICA TRAINING MODEL - ONE VERY LARGE BIRD.

rom hand-painted maps to full-scale replicas of CH-47s, the Joint Multinational Training Command (JMTC) uses top-quality models to create a realistic combat setting for Soldiers. These detailed replicas, produced by the Training Aids Production Center in Grafenwoehr, Germany, give Soldiers an opportunity to safely train on gear and prepare for deployment the most recent additions to these striking designs are three full-scale CH-47s to be used for jump exercises and limited loading throughout Europe. So far four months have been invested into the Chinooks, which are being sent to Schweinfurt, Vicenza and Bamberg.

These replicas provide an inexpensive alternative for combat preparation without sacrificing hands-on, realistic experiences.

"It can be overwhelming to attempt an efficient loading process for the first time on a Chinook with blades turning," Chief Warrant Officer James Cameron explained. "The Chinook, with its two 5,000 horsepower engines and its five screaming transmissions, puts out about 180 decibels of sound. Add to that the hurricane force winds from the rotor system and the enormous heat coming off the engines...it's easy to understand why this training is best perfected in a mock-up."

Since there is only one company of Chinooks available in Europe, it presents a logistical and supply challenge for units requesting aviation training. "The challenge has always been coordinating with the aviation units to get an aircraft to train on," Cameron added. "By having a model to use at our leisure, leaders will be able to conduct more training. This model provides a means of getting the process of air assault operations into the muscle memory of our Soldiers."



"THE CHINOOK WITH ITS TWO 5,000 HORSEPOWER ENGINES AND ITS FIVE SCREAMING TRANSMISSIONS, PUTS OUT ABOUT 180 DECIBELS OF SOUND. ADD TO THAT THE HURRICANE FORCE WINDS FROM THE ROTOR SYSTEM AND THE ENORMOUS HEAT COMING OFF THE ENGINES... IT'S EASY TO UNDERSTAND WHY THIS TRAINING IS BEST PERFECTED IN A MOCK-UP."

Beyond large scale aircraft, JMTC has also supported the production of model grenades and various weapons. Rubber pistols and knives are highly beneficial in military police disarmament training. "They crack too many guns, destroy pistols, and that's very costly," said German Visual Information Specialist Thomas Bartels. "To reduce this cost,



it is very good to use a rubber model. We get an original, take it to pieces, and we build a model from those pieces to train the Soldiers to work with it." The replicas may seem simple, but the process requires months of planning, designing, creating a prototype, and reevaluating a design before the final product is released. Months of thought went into designing animal IEDs that are used in Soldiers' combat-training. The animals were designed based on current events in war zones like Iraq and Afghanistan. What started as simple rubber carcasses has evolved to a very sleek stuffed animal that houses an IED simulator.

"We wound up with a dog, a sheep and a goat," John Krollpfeiffer, the Chief of TAPC said. "This is filled with foam, but they hide the IED's in these things. In Iraq there's a lot of dead animals [that insurgents] will stuff explosives into."

Besides simulating realistic combat episodes, and providing more efficient training models, a Soldier also needs a good map. TAPC produces 3-D maps that further enhance Soldiers visual awareness of a country before they



actually deploy there. "Maps are going to be one of our biggest hits down here, I think we'll be very busy with maps." Krollpfeiffer added.

"We send the maps to various units who will be deploying – for instance transportation units, you name it."



Photo (above) by Sandra Roemer

THE ANIMALS WERE DESIGNED BASED ON CURRENT EVENTS IN WAR ZONES LIKE IRAQ AND AFGHANISTAN.
WHAT HAD STARTED AS SIMPLE RUBBER CARCASSES HAS EVOLVED INTO A VERY SLEEK STUFFED ANIMAL THAT HOUSES AN IED SIMULATOR.

Because a unit can create, design and manufacture the perfect training aid, with the help of the TAPC, the possibilities are limitless. The Soldiers training in Europe are sure to get very realistic training, and be better prepared for tactical movements, using non-standard training tools that represent the realities of the current operational environment.



This feature is easily downloaded on the web at: http://www.hqjmtc.army.mil

THE LAST WORD

fool for a minute, but he who never get up eight. asks remains a fool forever."

H.L. Mencken American Author and Publisher



"Ten soldiers wisely led will beat one hundred without a head."

Euripides Greek Poet and Patriot



"Let the path be open to talent."

Napoleon Bonaparte French General and Emperor



"You people are telling me what you think I want to know.

I want to know what is actually happening."

Creighton Abrams U.S. Army General



"He who asks is a Fall down seven times,

"I hated every minute "I don't measure of training, but I said, 'Don't quit. Suffer now and live the rest of your life as a champion."



Muhammad Ali Heavyweight Champion of the World

"In the Realm of the blind the one-eyed man is king."

Author Unknown (Although quoted in ancient times)



"There is nothing wrong with America that the faith, love of freedom, intelligence, and energy of her citizens can't cure."

Dwight D. Eisenhower Supreme Allied Commander Europe



a man's success by how high he climbs, but how high he bounces when he hits rock bottom."

George S. Patton U.S. Army General



"We few, we happy few, we band of brothers. For he today that sheds his blood with me shall be my brother; be never so vile. This day shall gentle his condition. And gentlemen in England now abed shall think themselves accursed they were not here, and hold their manhoods cheap whiles any speaks that fought with us here upon Saint Crispin's day..."

From Henry the V, - his speech at Agincourt

William Shakespeare British Poet, Playwright



JMTC CONTACT DIRECTORY

JMTC HEADQUARTERS

COMMAND GROUP	475 - 8305
COMMAND SGT MAJ.	475 - 8090
PUBLIC AFFAIRS	475 - 7776
PROTOCOL	475 - 6221

JMTC STAFF OFFICES

JMTC EOC	475 - 6613
JMTC G-1	475 - 6947
JMTC G-3	475 - 8364
JMTC G-3 SGM	475 - 7675
JMTC G-3 OPS	475 - 7086
JMTC G-4	475 - 8041
JMTC G-6	475 - 7493 / 7398
JMTC G-8	475 - 8889
JMTC RCLNO	475 - 6349
7th Weather Squadre	on 475 - 6960
JMTC Chaplain	475 - 6505
JMTC IG	475 - 7450
JMTC IG HOTLINE	475 - 5555
JMTC OSJA	475 - 7114
JMTC EO	475 - 8038

CONTACTING JMTC

JMTC Reenlistment

JMTC Safety

HHC JMTC

CIV IN GERMANY:	09641-83-XXX
FROM THE US: 011-49	9-9641-83-XXX
DSN FROM THE US:	314-475-XXX

475 - 8380

475 - 7922

475 - 7473

JMSC (CAMP AACHEN)

CIV IN GERMANY:	09641 - 454 - XXXX
FROM THE US: 49 -	9641 - 454 - XXXX
DEPUTY DIRECTOR	
OF SIMULATIONS	474 - 2460 / 2619
JMSC FAX :	474 - 2541

JMRC OPERATIONS GROUP AND HQ

COMMANDER	520 - 5805
DEPUTY COMMANDER	520 - 5572
PUBLIC AFFAIRS	520 - 5047
PROTOCOL	520 - 5110

JMTC DIRECTORATE OF TRAINING

DIRECTOR'S OFFICE	475 - 7287
DEPUTY DIRECTOR	475 - 7287
SGT MAJ	475 - 6615
RANGE OPS	475 - 6559
RANGE OPS FIRING D	ESK 475 - 6332
CATC HEADQUARTERS	6 476 - 2722
	475 - 2080
CATC NCOIC	476 - 2275
ISTC S1 (US SLOTS)	07552-405-2110
ISTC S3 (OPS)	07552-405-2110

TRAINING SUPPORT **ACTIVITES EUROPE (TSAE) REGIONAL TRAINING** SUPPORT CENTERS:

BELGIUM RTSC BENELUX	361 - 1398
GERMANY	
RTSC ANSBACH	467 - 1398
RTSC BAMBERG	469 - 1398
RTSC BAUMHOLDER	485 - 1398
RTSC GRAFENWOEHR	475 - 1398
RTSC HEIDELBERG	373 - 1398
RTSC HOHENFELS	466 - 1398
RTSC MANNHEIM	380 - 1398
RTSC SCHWEINFURT	354 - 1398
RTSC STUTTGART	431 - 1398
RTSC KAISERSLAUTERN	483 - 1398
RTSC VILSECK	476 - 1398
RTSC WIESBADEN	337 - 1398
THE NETHERLANDS	
RTSC SCHINNEN	361 - 1398

RTSC VINCENZA 634 - 1398 DTCC LTVODNO 634 - 1308

KISC LIVOKNO	054 - 1590
EXPEDITIONARY TRAINING SUPP	PORT CENTERS
RTSC ROMANIA	475 - 2461
RTSC KOSOVO	475 - 2461

USAG GRAFENWOEHR

	CSM
805	PUBLIC AFFAIRS
5572	GOVT RELATIONS
047	DES
5110	SAFETY

EMERGENCY NUMBERS

OFF POST

FIRE	112
POLICE	110
PARAMEDIC	19222

GRAF / VI	LSECK
DSN	485 - 831
CIV 0	9662 - 83 - 831
NON EMERGENCIES	08996 - 83 -249

ANSBACH

DSN	468 - 711
CIV	0981 - 183 - 11
NON EMERGENCIES	0981 - 183 - 92

SCHWEINFURT

DSN	468 - 711
CIV	09871 - 183 - 11
NON EMERGENCIES	09871 - 183 - 92

BAMBERG

DSN	469 - 8700 / 77
CIV	0951 - 300 - 870
NON EMERGENCIES	0951 - 300 - 11

GARMISCH

DSN	440 - 3801
CIV	08221 - 750 - 381
NON EMERGENCIES	08821-750-3827

HOHENFELS

DSN	466 -	2812
CIV	09472 - 83 -	2812
NON EMERGENCIES	09472 - 83 -	2812

NCO ACADEMY

NCOA HQ	475 - 8451/8452
STAFF DUTY	475 - 8453
A COMPANY	475 - 8157
B COMPANY	475 - 8140
C COMPANY	475 - 8537

1-4 INFANTRY

COMMANDER	475 - 1300	1-4 COMMANDER	475 - 2406
CSM	475 - 1320	1-4 CSM	475 - 2484
PUBLIC AFFAIRS	475 - 8103	A COMPANY	475 - 2185
GOVT RELATIONS	475 - 7452	B COMPANY	475 - 2189
DES	475 - 1380	C COMPANY	466 - 4703
SAFETY	475 - 7769	D COMPANY	466 - 4962